



The Lighting Company

XR1200 WASH

ISO 9001:2008

D.T.S. quality system
is certified to the
ISO 9001:2008 standard



D.T.S. products are designed
and manufactured at the D.T.S.
plants in Italy



Overview

The XR1200 WASH is a high-output moving head projector fitted with a 1200 W discharge lamp, delivering a massive 55.000 Lux / 5 m. The XR1200 WASH provides a powerful combination of sophisticated colour generation (including a linear CMY system, an 8-colour wheel, and 2 colour conversion filters), plus a motorized linear 14° - 26° zoom, and a rotating 16-bit indexable beam shaper (0°-180°). The XR1200 WASH is suitable for top level professional applications, including concerts, shows, tours, special events and large venues. The XR1200 WASH PC is fitted with the 'FPR' system. The 'FPR' (D.T.S. patent) allows limitless pan rotation, in either direction, never having to reverse motion.

Lamp

- * Philips MSR Gold 1200 Fastfit lamp (95.000 Lumens)
- * Base type PGJX50

Optical group

- * 55.000 Lux at 5 m (14°)
- * Fresnel lens Ø 200 mm combined with a dichroic glass reflector
- * 16-bit motorized linear zoom (14°- 26°)
- * Rotating and indexable beam shaper (0°-180°)
- * Frost filter

Colour generation

- * CMY linear system
- * colour wheel (8 colours + open) with linear selection for perfect 2-colour beams
- * 2 colour conversion filters (3.200°K / 5.600°K)

Interface / Control / Programming

- * Extra-wide, multi-function graphic LCD display (128 x 64)
- * 4 soft-keys (control / management / monitoring of the main parameters)
- * Controlled via DMX 512 standard digital communication protocol
- * Wireless ready
- * ARTNET available on request
- * internal operating system updatable via D.T.S. RED BOX interface and hyperterminal program on windows based PC

DMX

16 DMX channels

Pan & Tilt

'FPR' system (D.T.S. patent)
Pan: limitless rotation, in both directions; 360° rotation in 1.58 sec.; Tilt 270°: 1.8 sec.

- * 4 Selectable speed ranges
- * Pan/Tilt locking system with recessed buttons
- * Automatic Pan/Tilt repositioning in case of knocks

Power supply

- * Electronic ballast; 90-260 V 50/60 Hz
- * Power consumption: 1320 W

Energy saving

- * Power saving mode (the lamp dims to 50% six seconds after shutter closure)

Connectors

- * DMX: 4 XLR connectors (3-pole In and Out; 5-pole In and Out) by Neutrik;
- * Power supply: POWERCONN connector by Neutrik

Operating ambient temperature

-10° / 40°

Weight

38 Kg

Internal safety devices

- * Overvoltage circuit protection and overtemperature circuit protection

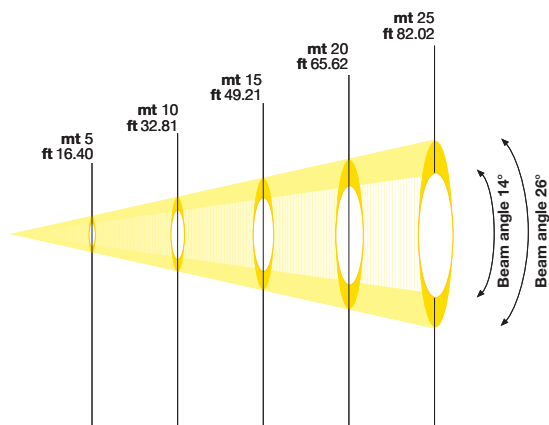
International certifications

Safety: EN 60598-1: 1993
EN 60598-2-17: 1989
A1-A3: 1993
EMC: EN 55015

Included items

- 1 x POWERCON male cable connector (cod. 0520P014)
- 1 x XLR 5 Pins male cable connector (cod. 0508B028)
- 1 x XLR 5 Pins female cable connector (cod. 0508B027)
- 2 x "C" Clamp G100 black (cod. 0521A015)
- 2 x Omega bracket with "Fast Lock" connection (cod. 02K00467)

Colour Wheel



Lux center	55000	13750	6111	3438	2200	Beam angle 14°
Foot candles	5112	1278	568	319	204	
Diameter cm.	123	246	368	491	614	
Diameter ft.	4,03	8,06	12,08	16,11	20,14	
Lux center	11300	2825	1256	706	452	Beam angle 26°
Foot candles	1050	263	117	66	42	
Diameter cm.	249	499	748	997	1247	
Diameter ft.	8.18	16.36	24.54	32.72	40.90	

DMX channels

- 1 PAN msb (540°)
- 2 PAN lsb
- 3 TILT msb(320°)
- 4 TILT lsb
- 5 MOVEMENT SPEED
- 6 DIMMER
- 7 SHUTTER
- 8 COLOUR
- 9 CYAN
- 10 MAGENTA
- 11 YELLOW
- 12 SPEED CMY / DIMMER
- 13 MACRO CMY / COLOUR
- 14 EFFECTS
- 15 ZOOM
- 16 RESET